

**FINAL EXPRESS TERMS
OF PROPOSED PLUMBING STANDARDS
OF THE DIVISION OF THE STATE ARCHITECT – ACCESS COMPLIANCE**

**REGARDING THE ADOPTION BY REFERENCE OF THE
2006 EDITION OF THE UNIFORM PLUMBING CODE
INTO THE CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 5**

Chapters 1, 2, 3, 4 and 16

The Division of the State Architect/Access Compliance (DSA/AC) proposes to adopt the 2006 edition of the Uniform Plumbing Code (UPC) for codification and effectiveness into the 2007 edition of the California Plumbing Code (CPC) as presented on the following pages, including any necessary amendments. DSA/AC further proposes to:

- Repeal the 2001 edition of the California Plumbing Code;
- Repeal amendments to the model codes that are no longer necessary, repeal or amend building standards that are not addressed by a model code;
- Relocate or codify existing adopted and necessary amendments to the model plumbing code into the format of the model building code proposed for adoption, the action of which has no regulatory effect; adopt new necessary amendments to the model code proposed for adoption;
- Adopt new plumbing standards that are not addressed by the model code proposed for adoption.

Legend for Express Terms:

1. Existing California amendments or code language being modified: All such language appears in *italics*, modified language is underlined or in ~~strikeout~~.
 2. New California amendments: All such language appears underlined and in italics.
 3. Repealed text: All such language appears in ~~strikeout~~.
 4. Notation: Authority and Reference citations are provided at the end of each chapter.
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CALIFORNIA CHAPTER 1 -- GENERAL CODE PROVISIONS

ENFORCING AUTHORITY	Local Building Official
ADOPTING AGENCY	DSA/AC
Adopt entire UPC chapter without amendments	
Adopt entire UPC chapter as amended (amendments listed below)	
Adopt only those sections which are listed below	
Note only under Title	X

CALIFORNIA CHAPTER 1 -- GENERAL CODE PROVISIONS

Note: For applications listed in Section 109.1 of the California Building Code, regulated by the Division of the State Architect/Access Compliance see California Code of Regulations, Title 24, Part 2 (California Building Code), California Chapter 1 (General Code Provisions) under authority cited by Government Code Section 4450 and in reference cited by Government Code Sections 4450 through 4461, 12955.1 and Health and Safety Code Sections 18949.1, 19952 through 19959.

CHAPTER 1—ADMINISTRATION

101.0—Title, Scope and General

101.1 Title

101.1.1 [For DSA/AC] This document shall be known as the “California Plumbing Code.” The provisions contained in the California Plumbing Code of the (compiled) California Building Standards Code as defined in Section 18910, Health and Safety Code, may be cited as such and are referred to hereafter as “these regulations,” “these plumbing standards” or “this code.”

101.2 Purpose

~~101.2.1 [For DSA/AC] Purpose. To provide minimum standards to safeguard life or limb, health, property and public welfare, and protect against hazards that may arise from the use of plumbing piping and systems by regulating and controlling the design, construction, installation, quality of materials, location and operation of plumbing piping systems within the state of California.~~

101.4 Scope

~~101.4.0 [For DSA/AC] Application. The provisions of this code shall apply to the construction, alteration, moving, demolition, repair and use of all plumbing, gas, or drainage piping and systems or water heating or treating equipment in or on any building or structure or outdoors on any premises or property.~~

~~101.4.1.1.3.1 [For DSA/AC] Effective January 1, 1990, in new construction and those existing facilities which occupancy type are listed in Tables 4-1 and 4-4 for public use, which apply for permit to undertake construction, structural alterations, repairs or improvement which exceed 50 percent of the square footage of the entire facility, shall install water closets, urinals, lavatories and drinking fountains as stipulated in Tables 4-1 and 4-4 for public use. Community and/or municipal parks with a bleacher capacity not exceeding 500 seats shall be exempt from the requirements of this section and Tables 4-1 and 4-4. Note: 2 Each bathroom shall comply with Part 2, Chapters 11A and 11B of the California Building Code.~~

~~101.4.1.4.2 [For DSA/AC] Conflicts Between Codes. When the requirements of this code conflict with the requirements of the California Mechanical Code, Title 24, Part 4, the California Mechanical Code shall prevail.~~

~~101.4.4 [For DSA/AC] Effective Date. One hundred and eighty days after the date of publication, or as otherwise noted herein.~~

~~101.4.4.1 [For DSA/AC] The applicable subsection of Health and Safety Code Section 18938 is repeated here for clarity and reads as follows:~~

~~Section 18938. (b) The building standards contained in the Uniform Fire Code of the International Conference of Building Officials and the Western Fire Chiefs Association, Inc., the Uniform Building Code of the International Conference of Building Officials, Appendix Chapter 1 of the Uniform Code for Building Conservation of the International Conference of Building Officials, the Uniform Plumbing Code of the International Association of Plumbing and Mechanical Officials, the National Electrical Code of the National Fire Protection Association, the Uniform Mechanical Code of the International Conference of Building Officials and the International Association of Plumbing and Mechanical Officials, as referenced in the California Building Standards Code, shall apply to all occupancies throughout the state and shall become effective 180 days after publication in the California Building Standards Code by the California Building Standards Commission, or at a later date after publication established by the commission.~~

~~101.4.4.2 [For DSA/AC] The provisions of the model code which are adopted in this code are applicable to all occupancy groups and uses regulated by this code. The amendments to the model code are applicable only to those occupancies or uses which the state agency adopting the amendments is authorized to regulate as listed in Section 101.11~~

~~101.6 [For DSA/AC] Nonbuilding Regulations. Requirements contained in the U.P.C., or in any other referenced standard, code, or document, which are not building standards as defined in Section 18909, Health and Safety Code, shall not be construed as part of the provisions of this code.~~

~~101.7 [For DSA/AC] Order of Precedence. Where, in any specific cases, different sections of this code specify different materials, methods of construction or other requirements, the most restrictive shall govern. When there is a conflict between a general and a specific requirement, the specific requirements shall apply.~~

~~101.8 [For DSA/AC] Format. This part fundamentally adopts the U.P.C. by reference on a chapter by chapter basis. Such adoption is reflected in the adoption tables of each chapter of this part. When the adoption table of a chapter of this part makes no reference to a specific chapter of the U.P.C. is not adopted as a portion of this code.~~

~~101.9 [For DSA/AC] Validity. If any chapter, section, subsection, sentence, clause or phrase of this code is for any reason held to be unconstitutional, contrary to statute, exceeding the authority of the state as stipulated by statutes, or otherwise inoperative, such decision shall not affect the validity of the remaining portion of this code.~~

~~101.10 [For DSA/AC] Standard Reference Documents~~

~~101.10.1 [For DSA/AC] The codes, standards and publications, adopted and set forth in this code, including other codes, standards and publications referred to therein are, by title and date of publication, hereby adopted as standard reference documents of this code.~~

~~101.10.2 [For DSA/AC] When this code does not specifically cover any subject relating to building design and construction, recognized fire prevention engineering practices shall be employed. The National Fire Codes and the Fire Protection Handbook of the National Fire Protection Association may be used as authoritative guides in determining recognized fire prevention engineering practices.~~

~~101.11 [For DSA/AC] Application-Vesting Authority. When adopted by a state agency, the provisions of these regulations shall be enforced by the appropriate enforcing agency, but only to the extent of authority granted to such agency by the state legislature.~~

~~Following is a list of the state agencies that adopt building standards, specific scope of application of the agency responsible for enforcement, and the specific authority of each agency to adopt and enforce such provisions of building standards of this code, unless otherwise stated.~~

~~101.11.9 [For DSA/AC]~~

~~DSA/AC – Division of the State Architect; /Access Compliance.~~

~~General - To assure that barrier-free design is incorporated in all buildings, facilities, site work and other improvements to which this code applies in compliance with state law to assure that these improvements are accessible to and usable by persons with disabilities.~~

~~Additions, alterations and structural repairs in all buildings and facilities shall comply with these provisions for new buildings, except as otherwise provided and specified herein.~~

~~The provisions of these regulations shall apply to any portable buildings leased or owned by a school district, and shall also apply to temporary and emergency buildings and facilities.~~

~~In addition, to incorporate standards at least as restrictive as those required by the federal government for barrier-free design under:~~

~~1. Title III (Public Accommodations and Commercial Facilities), Subpart D (New Construction and Alteration) and Appendix A (Americans with Disabilities Act Accessibility Guidelines) (see 28 C.F.R., Part 36), and~~

~~2. Title II (Public Entities), Section 35.151 (New Construction and Alterations) (see 28 C.F.R., Part 35) both from the Americans with Disabilities Act of 1990, and~~

~~3. Under the Fair Housing Amendments of 1988. Some of these regulations may be more stringent than state law in order to meet the federal requirement.~~

~~The following applications apply:~~

~~A. Application. Publicly funded buildings, structures, sidewalks, curbs and related facilities shall be accessible to persons with disabilities as follows:~~

~~NOTE: See Government Code commencing with Section 4450.~~

~~(1) All buildings, structures, sidewalks, curbs and related facilities constructed by the use of state, county or municipal funds, or the funds of any political subdivision of the state.~~

~~(2) All buildings, structures and facilities that are leased, rented, contracted, sublet or hired by any municipal, county, or state division of government, or by a special district.~~

~~(3) All publicly funded living accommodations.~~

~~(4) All publicly funded buildings used for congregate residences or for one or two family dwelling unit purposes shall conform to the provisions applicable to living accommodations.~~

~~(5) All existing publicly funded buildings and facilities when alterations, structural repairs or additions are made to such buildings or facilities. For detailed requirements on existing buildings, see Chapter 11B, Division IV.~~

~~(6) With respect to buildings, structures, sidewalks, curbs and related facilities not requiring a building permit, building standards published in the California Building Standards Code relating to access for persons with disabilities and~~

~~other regulations adopted pursuant to Government Code Section 4450, and in effect at the time construction is commenced, shall be applicable.~~

~~B. Application. All privately funded public accommodations, as defined, and commercial facilities, as defined, shall be accessible to persons with physical disabilities as follows:~~

~~NOTE: See Health and Safety Code commencing with Section 19952.~~

~~EXCEPTION: Certain types of privately funded multistory buildings do not require installation of an elevator to provide access above and below the first floor. See Title 24, Part 2.~~

~~NOTE: Exceptions for multistoried buildings formerly located in this section have been moved to Title 24, Part 2.~~

~~(1) Any building, structure, facility, complex, or improved area, or portions thereof, which are used by the general public.~~

~~(2) Any sanitary facilities which are made available for the public, clients or employees in such accommodations or facilities.~~

~~(3) Any curb or sidewalk intended for public use that is constructed in this state with private funds.~~

~~(4) All existing privately funded public accommodations when alterations, structural repairs or additions are made to such public accommodations as set forth under Chapter 11B.~~

~~C. Enforcing Agency.~~

~~(1) The director of General Services where state funds are utilized for any project or where funds of counties, municipalities or other political subdivisions are utilized for the construction of elementary, secondary or community college projects.~~

~~(2) The governing bodies where funds of counties, municipalities or other political subdivisions are utilized except as otherwise provided above.~~

~~(3) The building department of every city, county, or city and county within the territorial area of its city, county, or city and county, where private funds are utilized, "building department" means the department, bureau or officer charged with the enforcement of laws or ordinances regulating the erection or construction, or both the erection and construction, of buildings.~~

~~D. Special Conditions for Persons with Disabilities Requiring Appeals Action Ratification. Whenever reference is made in these regulations to this section, the findings and determinations required to be rendered by the local enforcing agency shall be subject to ratification through an appeals process.~~

Authority Cited – Gov. Code §4450.

Reference – Gov. Code §4450 through 4460, 12955.1 and H&SC §18949.1, 19952 through 19959.

CHAPTER 2 -- DEFINITIONS	
ENFORCING AUTHORITY	Local Building Official
ADOPTING AGENCY	DSA/AC
Adopt entire UPC chapter without amendments	
Adopt entire UPC chapter as amended (amendments listed below)	
Adopt only those sections which are listed below	

CHAPTER 2 – DEFINITIONS

203.0 _____ A _____

~~Accessibility [For DSA/AC] — The combination of various elements in a building or area which allow access, circulation and full use of the building and facilities by the handicapped.~~

214.0 _____ ~~— L —~~

~~Lavatory [For DSA/AC] — A plumbing fixture used for washing the hands, arms, face and head.~~

221.0 _____ ~~— S —~~

~~Specialty Event Centers [For DSA/AC] An open arena used for rallies, concerts, exhibits, etc., with no permanent structure for purpose of assembly.~~

222.0 _____ ~~— T —~~

~~Toilet [For DSA/AC] — A fixture within a toilet room which may be used for defecation or urination.~~

~~Toilet Room [For DSA/AC] — A room within or on the premises containing water closets, urinals and other required facilities.~~

223.0 _____ ~~— P —~~

~~U.P.C. [For DSA/AC] — The latest edition of the Uniform Plumbing Code, published by the International Association of Plumbing and Mechanical Officials.~~

225.0 _____ ~~— W —~~

~~Water Closet [For DSA/AC] — A plumbing fixture (which may be used for both defecation or urination in which the waste matter is removed by flushing with water.~~

Authority Cited-Gov. Code §4450.

Reference-Gov. Code §4450 through 4461, 12955.1 and H&SC §18949.1, 19952 through 19959.

CHAPTER 3 -- GENERAL REGULATIONS

ENFORCING AUTHORITY	Local Building Official
ADOPTING AGENCY	DSA/AC
Adopt entire UPC chapter without amendments	
Adopt entire UPC chapter as mended (amendments listed below)	
Adopt only those sections which are listed below	

Authority Cited-Gov. Code §4450.

Reference-Gov. Code §4450 through 4461, 12955.1 and H&SC §18949.1, 19952 through 19959.

CHAPTER 4 -- PLUMBING FIEXTURES AND FIXTURE FITTINGS

ENFORCING AUTHORITY	Local Building Official
ADOPTING AGENCY	DSA/AC
Adopt entire UPC chapter without amendments	
Adopt entire UPC chapter as amended (amendments listed below)	
Adopt only those sections which are listed below	X
Note only under Title CA	X
412.1.1 CA	X
Table 4-1 Footnote 19 only CA	X

CHAPTER 4 -- PLUMBING FIXTURES AND FIXTURE FITTINGS

Note: *In addition to the requirements of this chapter, which provide access to, or egress from, buildings or facilities where accessibility is required for applications listed in Section 109, of the California Building Code, regulated by the Division of the State Architect/Access Compliance shall also comply with Chapter 11A for public housing and Chapter 11B for public accommodations under authority cited by Gov. Code §4450 and in reference cited by Gov. Code §4450 through 4461, 12955.1 and H&SC §18949.1, 19952 through 19959.*

411.0 Floor Drains and Shower Stalls.

411.7 All shower compartments, regardless of shape, shall have a minimum finished interior of one thousand twenty-four (1,024) square inches (0.66 m²) and shall also be capable of encompassing a thirty (30) inch (750 mm) circle. The minimum required area and dimensions shall be measured at a height equal to the top of the threshold and at a point tangent to its centerline. The minimum area and dimensions shall be maintained to a point seventy (70) inches

(1778 mm) above the shower drain outlet with no protrusions other than the fixture valve or valves, shower head, soap dishes, shelves, and safety grab bars or rails. Fold-down seats in accessible shower stalls shall be permitted to protrude into the thirty (30) inch (750 mm) circle.

Exception No. 1: Showers that are designed to comply with ~~ICC/ANSI A117.1~~ Chapter 11A or 11B, of the California Building Code.

Exception No. 2: The minimum required area and dimension shall not apply where an existing bathtub is replaced by a shower receptor having minimum overall dimensions of 30 inches (750 mm) in width and 60 inches (1,500 mm) in length.

(Relocated from 2001 CPC, Section 412.0, Floor Drains and Shower Stalls)

~~**Note:** [For DSA/AC] See Part 2, Chapters 11A and 11B for shower compartment size for accommodation of persons with disabilities.~~

412.0 Minimum Number of Required Fixtures.

412.1 Fixture Count. ...

(Relocated from Section 101.4.1.1.3.1)

~~101.4.1.1.3.1~~ **[For DSA/AC] 412.1.1.** *Effective January 1, 1990, in new construction and those existing facilities which occupancy type are listed in Tables 4-1 and 4-4 for public use, which apply for permit to undertake construction, structural alterations, repairs or improvement which exceed 50 percent of the square footage of the entire facility, shall install water closets, urinals, lavatories and drinking fountains as stipulated in Tables 4-1 and 4-4 for public use. Community and/or municipal parks with a bleacher capacity not exceeding 500 seats shall be exempt from the requirements of this section and Tables 4-1 and 4-4. ~~Note:—2. Each bathroom shall comply with Part 2, Chapters 11A and 11B of the California Building Code.~~*

Authority Cited-Gov. Code §11805.

Reference-Health and Safety Code §118505.

TABLE 4-1 Minimum Plumbing Facilities¹

Each building shall be provided with sanitary facilities, including provisions for persons with disabilities as prescribed by the Department Having Jurisdiction. For requirements for persons with disabilities, ~~ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities, Chapter 11A or 11B of the California Building Code,~~ may shall be used.

The total occupant load shall be determined by minimum exiting requirements. The minimum number of fixtures shall be calculated at fifty (50) percent male and fifty (50) percent female based on the total occupant load.

The occupant load and use of the building or space under consideration shall first be established using the Occupant Load Factor Table A. Once the occupant load and uses are determined, the requirements of Section 412.0 and Table 4-1 shall be applied to determine the minimum number of plumbing fixtures required. This table applies to new buildings, additions to a building, changes of occupancy or type in an existing building resulting in increased occupant load (example: change an assembly room from fixed seating to open seating). Exception: New cafeterias for employee use are the only use exempted from this requirement.

... [Table 4-1 not shown for clarity. Footnotes follow.]

¹ The figures shown are based upon one (1) fixture being the minimum required for the number of persons indicated or any fraction thereof.

...

¹⁸ A drinking fountain shall not be required in occupancies of 30 or less. When a drinking fountain is not required, then footnotes 3, 12, and 13 are not applicable.

¹⁹ **[For DSA/AC]** In accordance with §§108.7 and 301.2, the Authority Having Jurisdiction shall be permitted to use alternative design criteria when determining the minimum number of plumbing fixtures.

Authority Cited-Gov. Code §4450.

Reference-Gov. Code §4450 through 4461, 12955.1 and H&SC §18949.1, 19952 through 19959.

**CHAPTER 16 -- PLUMBING REQUIREMENTS FOR
ACCOMMODATION OF PERSONS WITH PHYSICAL DISABILITIES**

ENFORCING AUTHORITY	Local Building Official
ADOPTING AGENCY	DSA/AC
Adopt entire UPC chapter without amendments	
Adopt entire UPC chapter as amended (amendments listed below)	
Adopt only those sections which are listed below	

**CHAPTER 16 -- PLUMBING REQUIREMENTS FOR
ACCOMMODATION OF PERSONS WITH PHYSICAL DISABILITIES**

~~1601.0 [For DSA/AC w/exceptions & note] General.~~

~~This chapter contains building standards of the Division of the State Architect/Access Compliance and the Department of Housing and Community Development applicable to all buildings and facilities required to be accessible to and usable by persons with disabilities.~~

~~NOTE: [For DSA/AC] For description of "Multifamily Dwelling" see DSA/AC in Section 101.11.1 of this code.~~

~~EXCEPTION:~~

~~1. [For DSA/AC] In existing buildings, when the enforcing agency determines that compliance with any regulation under this chapter would create an unreasonable hardship, and exception shall be granted when equivalent facilitation is provided.~~

~~2. [For DSA/AC] In existing buildings, when the enforcing agency determines because of physical constraints compliance with this chapter or equivalent facilitation would create an unreasonable hardship, those regulations shall not apply.~~

~~3. [For DSA/AC] For accessibility requirements for Plumbing requirements for accommodation of physically handicapped persons in public accommodations commercial buildings, publicly funded owned or leased housing, see Title 24, Part 2, Chapters 11A and 11B, Sections 1115B.2.0 through 1115B.2.1.20.~~

~~Authority: (Government Code Sections 4450 and 4453.)~~

~~Reference: Government Code Sections 4451 (as interpreted by the CA Superior Court, City and County of San Francisco, in CA Association of the Physically Handicapped vs. Trustees of the California State University and Colleges, No. 692231, judgment entered 9-16-80) and 4454.~~

~~Authority Cited-Gov. Code §4450.~~

~~Reference-Gov. Code §4450 through 4461, 12955.1 and H&SC §18949.1, 19952 through 19959.~~